

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 31581-WO-U	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/BE 03/00221	International filing date (day/month/year) 16/12/2003	(Earliest) Priority Date (day/month/year) 19/12/2002
Applicant PICANOL N.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☒ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

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☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/BE 03/00221

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D03D47/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 304 269 A (SUZUKI HAJIME ET AL) 8 December 1981 (1981-12-08) column 2, line 26 -column 32; figures 3,5	1-7, 10, 11
A	BE 1 012 608 A (PICANOL NV) 9 January 2001 (2001-01-09) cited in the application the whole document	1-16
A	US 4 794 958 A (MAES DIRK ET AL) 3 January 1989 (1989-01-03) column 5, line 31 -column 6, line 11; figures 5-8	1
A	DE 37 39 767 A (DORNIER GMBH LINDAUER) 15 June 1989 (1989-06-15) column 5, line 12 -column 6, line 5; figure 7	1
	-/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

29 March 2004

Date of mailing of the international search report

05/04/2004

Name and mailing address of the ISA

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Pussemier, B

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International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	NL 1 001 277 C (TE STRAKE B V) 26 March 1997 (1997-03-26) the whole document ---	1
A	DATABASE WPI Section Ch, Week 198542 Derwent Publications Ltd., London, GB; Class F03, AN 1985-259728 XP002245324 -& JP 60 173143 A (TOYODA AUTOMATIC LOOM CO LTD), 6 September 1985 (1985-09-06) abstract; figures 5-10 -----	16

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-15

Blowing nozzle with a flow-trough canalisation for a fluid tracing a bend near the free end of the blowing nozzle and having a jet pipe formed in the flow-trough canalisation, whereby the jet pipe is integrated in the bend.

2. Claim : 16

Blowing nozzle with a flow-trough canalisation for a fluid having at least one duct in which a jet pipe is integrated, whereby every duct has a rectangular section at least at the jet pipe.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/BE 03/00221

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/BE 03/00221

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4304269	A	08-12-1981	JP	1133379 C	27-01-1983
			JP	55122048 A	19-09-1980
			JP	57023013 B	17-05-1982
			CH	643609 A5	15-06-1984
			CS	230567 B2	13-08-1984
			NL	8001448 A	17-09-1980
BE 1012608	A	09-01-2001	BE	1012608 A3	09-01-2001
			AT	261011 T	15-03-2004
			CN	1116459 B	30-07-2003
			WO	0063473 A1	26-10-2000
			EP	1169503 A1	09-01-2002
			US	6536482 B1	25-03-2003
US 4794958	A	03-01-1989	DE	3639867 C1	29-10-1987
			DE	3643058 A1	30-06-1988
			EP	0268794 A2	01-06-1988
			JP	63145449 A	17-06-1988
DE 3739767	A	15-06-1989	DE	3739767 A1	15-06-1989
NL 1001277	C	26-03-1997	NL	1001277 C1	26-03-1997
JP 60173143	A	06-09-1985	JP	1965221 C	25-08-1995
			JP	6084576 B	26-10-1994